Nicola J Nadeau

List of Publications by Year
in descending order

36 papers	4,200 citations	279701 23 h-index	360920 35 g-index
45 all docs	45 docs citations	45 times ranked	4751 citing authors

#	Article	IF	Citations
1	The physiological cost of colour change: evidence, implications and mitigations. Journal of Experimental Biology, 2022, 225, .	0.8	7
2	The genetic basis of structural colour variation in mimetic <i>Heliconius</i> butterflies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	1.8	10
3	Haplotype tagging reveals parallel formation of hybrid races in two butterfly species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	46
4	Genomics of altitudeâ€associated wing shape in two tropical butterflies. Molecular Ecology, 2021, 30, 6387-6402.	2.0	8
5	The evolution of structural colour in butterflies. Current Opinion in Genetics and Development, 2021, 69, 28-34.	1.5	27
6	The role of composition: natural materials vs. synthetic composites: general discussion. Faraday Discussions, 2020, 223, 295-306.	1.6	0
7	Optics and photonics in nature: general discussion. Faraday Discussions, 2020, 223, 107-124.	1.6	1
8	Limited genetic parallels underlie convergent evolution of quantitative pattern variation in mimetic butterflies. Journal of Evolutionary Biology, 2020, 33, 1516-1529.	0.8	16
9	Microclimate buffering and thermal tolerance across elevations in a tropical butterfly. Journal of Experimental Biology, 2020, 223, .	0.8	41
10	MÃ¼llerian mimicry of a quantitative trait despite contrasting levels of genomic divergence and selection. Molecular Ecology, 2020, 29, 2016-2030.	2.0	8
11	How do predators generalize warning signals in simple and complex prey communities? Insights from a videogame. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200014.	1.2	6
12	Selective sweeps on novel and introgressed variation shape mimicry loci in a butterfly adaptive radiation. PLoS Biology, 2020, 18, e3000597.	2.6	60
13	Altitude and lifeâ€history shape the evolution of<i>Heliconius</i>wings. Evolution; International Journal of Organic Evolution, 2019, 73, 2436-2450.	1.1	27
14	Phenotypic variation in<i>Heliconius erato</i>crosses shows that iridescent structural colour is sex-linked and controlled by multiple genes. Interface Focus, 2019, 9, 20180047.	1.5	23
15	Population Genomics of Speciation and Admixture. Population Genomics, 2018, , 613-653.	0.2	6
16	Wing scale ultrastructure underlying convergent and divergent iridescent colours in mimetic <i>Heliconius</i> butterflies. Journal of the Royal Society Interface, 2018, 15, 20170948.	1.5	35
17	The gene cortex controls mimicry and crypsis in butterflies and moths. Nature, 2016, 534, 106-110.	13.7	212
18	Genes controlling mimetic colour pattern variation in butterflies. Current Opinion in Insect Science, 2016, 17, 24-31.	2.2	47

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19	Evolutionary Novelty in a Butterfly Wing Pattern through Enhancer Shuffling. PLoS Biology, 2016, 14, e1002353.	2.6	136
20	Population genomics of parallel hybrid zones in the mimetic butterflies, <i>H. melpomene</i> and <i>H. erato</i>. Genome Research, 2014, 24, 1316-1333.	2.4	114
21	Divergent warning patterns contribute to assortative mating between incipient <i>Heliconius</i> species. Ecology and Evolution, 2014, 4, 911-917.	0.8	67
22	Butterfly genomics sheds light on the process of hybrid speciation. Molecular Ecology, 2014, 23, 4441-4443.	2.0	4
23	Genome-wide evidence for speciation with gene flow in<i>Heliconius</i>butterflies. Genome Research, 2013, 23, 1817-1828.	2.4	609
24	Genomeâ€wide patterns of divergence and gene flow across a butterfly radiation. Molecular Ecology, 2013, 22, 814-826.	2.0	160
25	Diversification of complex butterfly wing patterns by repeated regulatory evolution of a <i>Wnt</i> ligand. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12632-12637.	3.3	244
26	Genomic islands of divergence in hybridizing <i>Heliconius</i> butterflies identified by large-scale targeted sequencing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 343-353.	1.8	294
27	Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. Nature, 2012, 487, 94-98.	13.7	1,086
28	Characterisation and expression of microRNAs in developing wings of the neotropical butterfly Heliconius melpomene. BMC Genomics, 2011, 12, 62.	1.2	44
29	A golden age for evolutionary genetics? Genomic studies of adaptation in natural populations. Trends in Genetics, 2010, 26, 484-492.	2.9	127
30	Characterization of a hotspot for mimicry: assembly of a butterfly wing transcriptome to genomic sequence at the <i>HmYb/Sb</i> locus. Molecular Ecology, 2010, 19, 240-254.	2.0	70
31	Genomic Hotspots for Adaptation: The Population Genetics of MÃ¼llerian Mimicry in the Heliconius melpomene Clade. PLoS Genetics, 2010, 6, e1000794.	1.5	97
32	Characterization of Japanese Quail <i>yellow</i> as a Genomic Deletion Upstream of the Avian Homolog of the Mammalian <i>ASIP</i> (<i>agouti</i>) Gene. Genetics, 2008, 178, 777-786.	1.2	90
33	Evolution of an avian pigmentation gene correlates with a measure of sexual selection. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1807-1813.	1.2	94
34	Association of a singleâ€nucleotide substitution in <i>TYRP1</i> with <i>roux</i> in Japanese quail (<i>Coturnix japonica</i>). Animal Genetics, 2007, 38, 609-613.	0.6	48
35	Association of a Glu92Lys substitution in MC1R with extended brown in Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	66
36	Conserved Genetic Basis of a Quantitative Plumage Trait Involved in Mate Choice. Science, 2004, 303, 1870-1873.	6.0	246